

Quantitative Evaluation of the Effect of Alkaline-Earth Metal Ions in Immobilized Choline Esterase

Medyantseva E., Vertlib M., Budnikov G., Kutyreva M.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

A possibility is considered of the quantitative evaluation of activation processes basing on voltammetric measurements with an example of the effect of Ca^{2+} and Ba^{2+} ions on immobilized choline esterase incorporated into a biochemical sensor. The activation constants indicate the greater activating effect of Ca^{2+} ions.
